

FALCON

*Falcon
Monarch
Dor-O-Matic*

Monarch XX Series Parts Manual

Touch Bar Exit Device

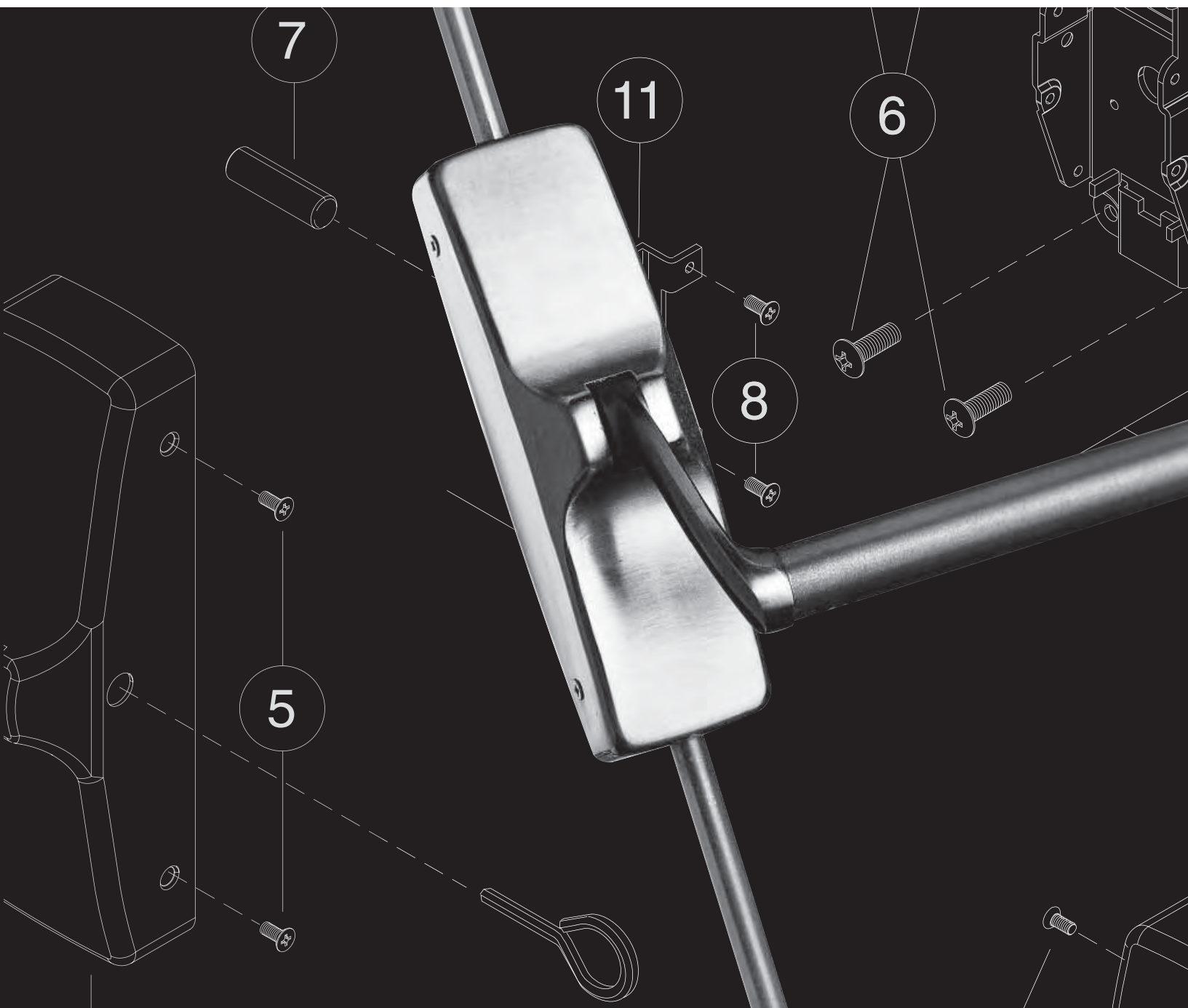


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Introduction

This manual contains a listing of replaceable parts and assemblies for the XX series exit device.

How to Order

Some parts are sold separately. Other parts are available as part of a kit or multiple quantity package. For the best possible service when ordering replacement parts or assemblies, please provide the following information:

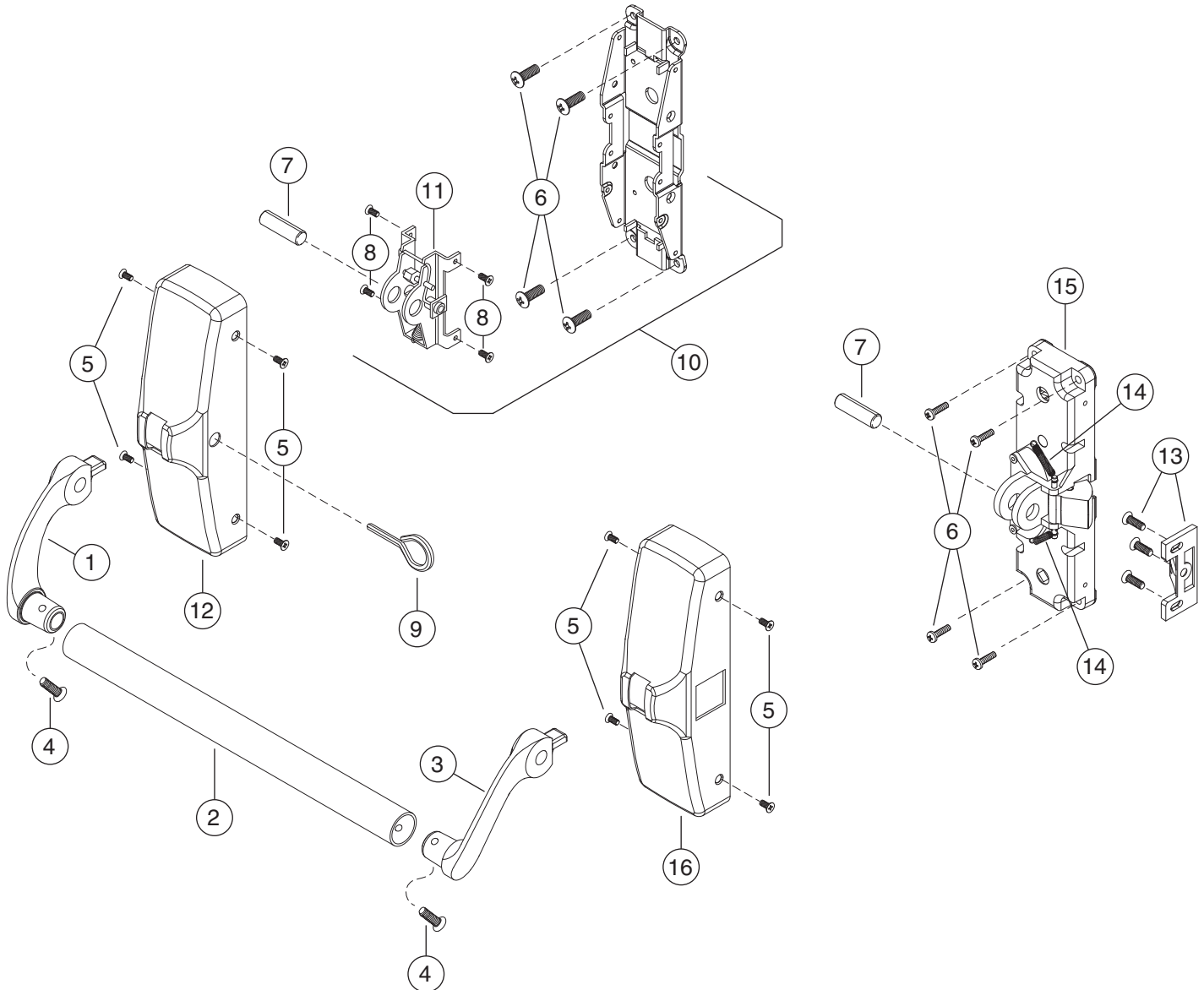
- Part number or assembly number
- Description
- Quantity needed
- Finish desired (if available finish)

Part Number Changes

This manual reflects the product as sold in November 2007. Because of changes to the product and/or manufacturing processes, part numbers can change.

XX Rim Exit Device

Panic



XX Rim Exit Device

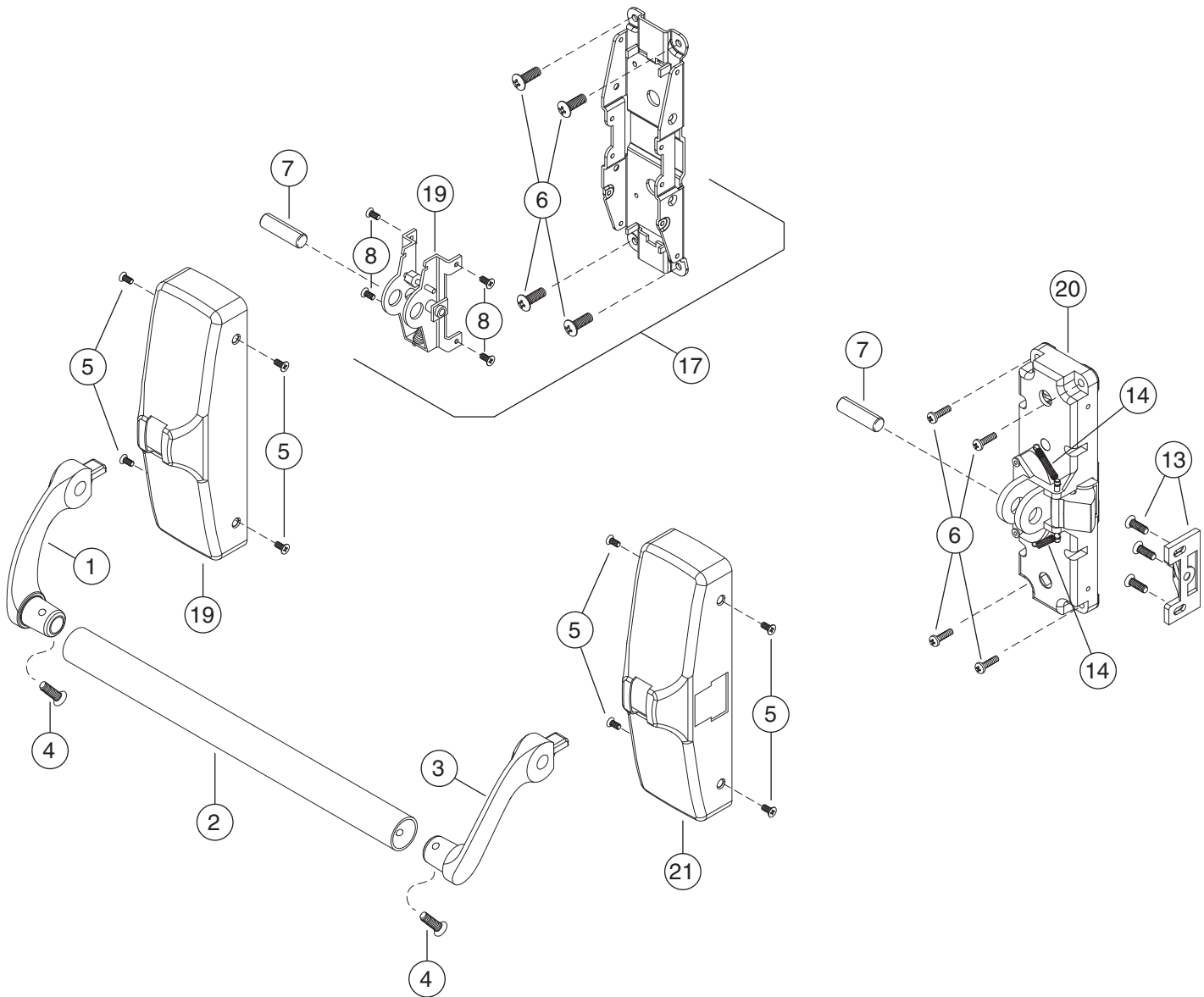
Panic

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
9	1	2789	7/32" Hex Key	
10	1	584	XX End Case	
11	1	610044	Axle Support Assembly	
12	1	3741	XX End Case Cover	A
13	1	630015	F570 Roller Strike for Panic and Fire - Standard	
14	2	3770	Main Cam Springs	
15	1	585	XX Center Case Assembly ("EO" Function)	
16	1	3740	XX Center Case Cover	A

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

F-XX Rim Exit Device

Fire



F-XX Rim Exit Device

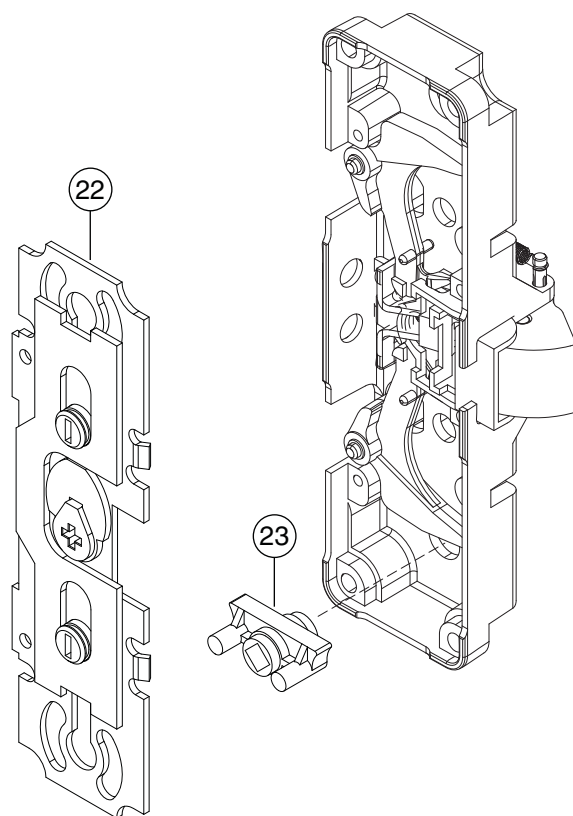
Fire

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
13	1	630015	F570 Roller Strike for Panic and Fire - Standard	
14	2	3770	Main Cam Springs	
17	1	684	XX End Case - Fire	
18	1	610214	Axle Support Assembly - Fire	
19	1	3741	XX End Case Cover - Fire	A
20	1	685	XX Center Case Assembly - Fire	
21	1	4009	XX Center Case Cover - Fire	A

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

(F)XX Rim Center Case

Panic and Fire



(F)XX Rim Center Case

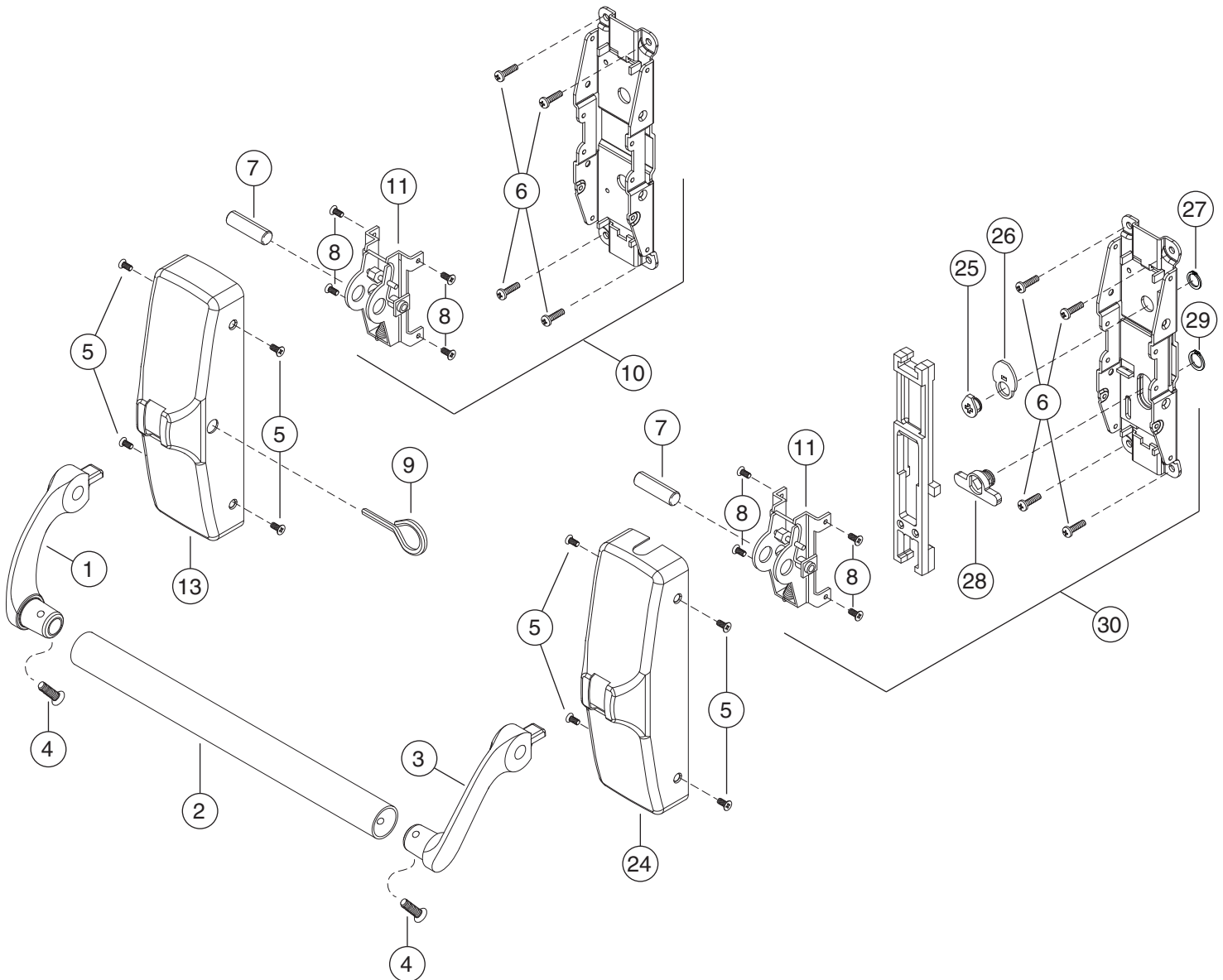
Panic and Fire

Item No.	Qty.	Part No.	Description	Notes
22	1	610070	18 Rim Back Cover Assembly	
23	1	3755	K-Hub	B

B. Used in K/L functions only.

XX-V Surface Vertical Rod Exit Device

Panic



XX-V Surface Vertical Rod Exit Device

Panic

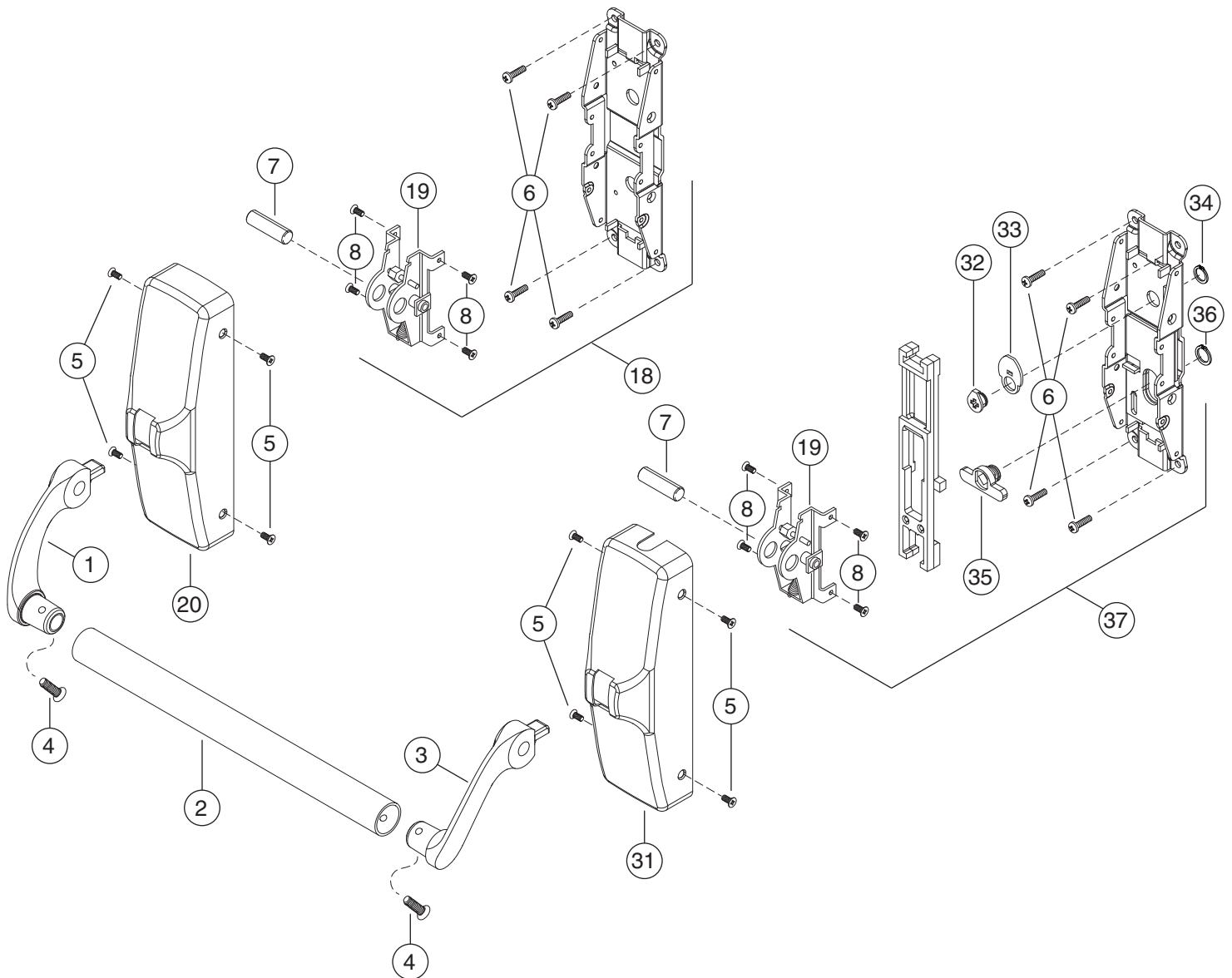
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
9	1	2789	7/32" Hex Key	
10	1	584	XX End Case	
11	1	610044	Axle Support Assembly	
12	1	3741	XX End Case Cover	A
24	1	3742	XX Vertical Active Center Case Cover	
25	1	3566	Locking Cam Operator	
26	1	3762	Locking Cam	
27	1	660442	Retaining Ring	
28	1	3755	K-Hub	B
29	1	660446	Retaining Ring	
30	1	587	XX Vertical Active Center Case Assembly - Panic	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

B. Used in K/L function only.

F-XX-V Surface Vertical Rod Exit Device

Fire



F-XX-V Surface Vertical Rod Exit Device

Fire

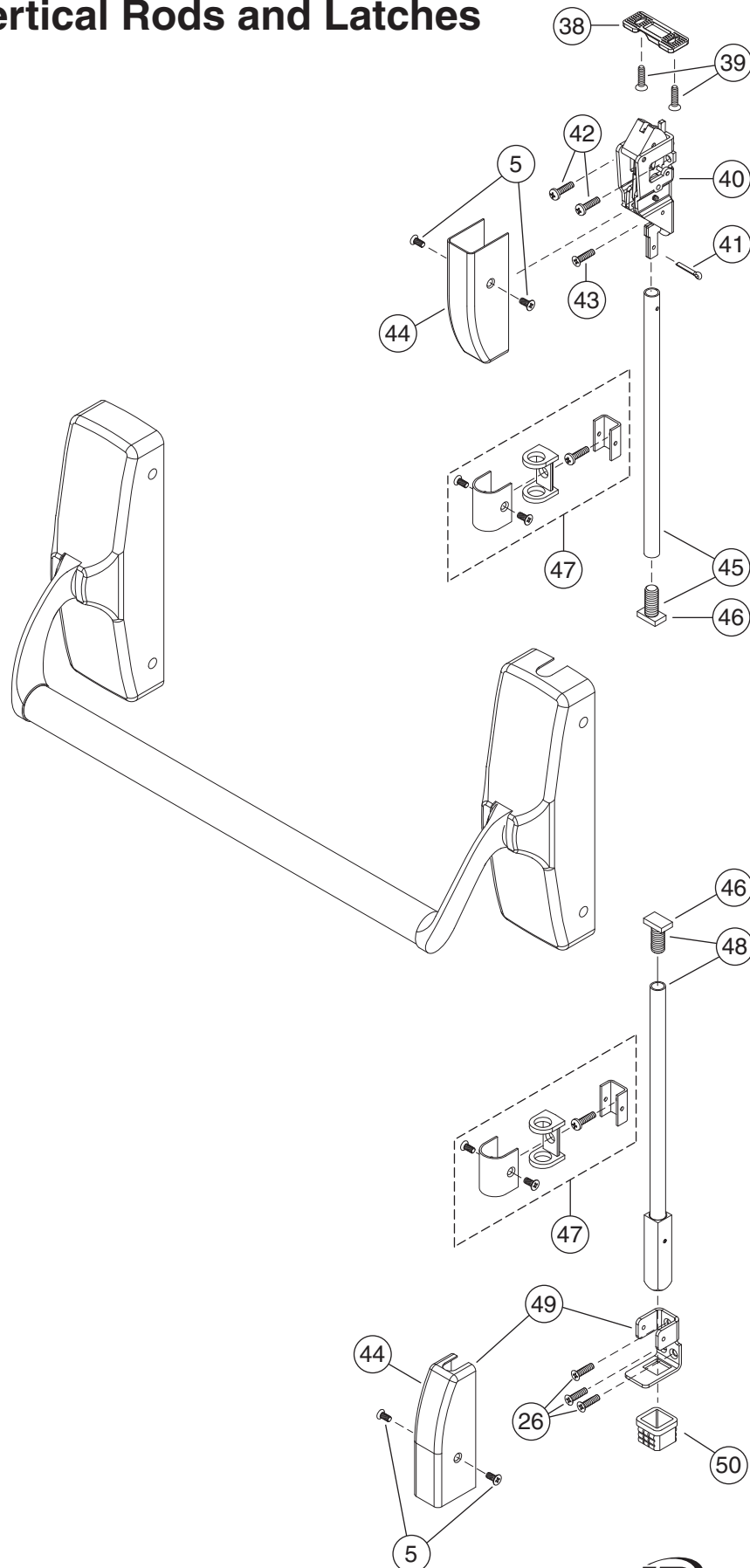
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
11	1	610044	Axle Support Assembly	
12	1	3741	XX End Case Cover	A
17	1	684	XX End Case - Fire	
18	1	610214	Axle Support Assembly - Fire	
19	1	3741	XX End Case Cover - Fire	A
31	1	3742	XX Vertical Active Center Case Cover	
32	1	3566	Locking Cam Operator	
33	1	3762	Locking Cam	
34	1	660442	Retaining Ring	
35	1	3755	K-Hub	B
36	1	660446	Retaining Ring	
37	1	587	XX Vertical Active Center Case Assembly - Fire	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

B. Used in K/L function only.

(F)XX-V Surface Vertical Rods and Latches

Panic and Fire



(F)XX-V Surface Vertical Rods and Latches

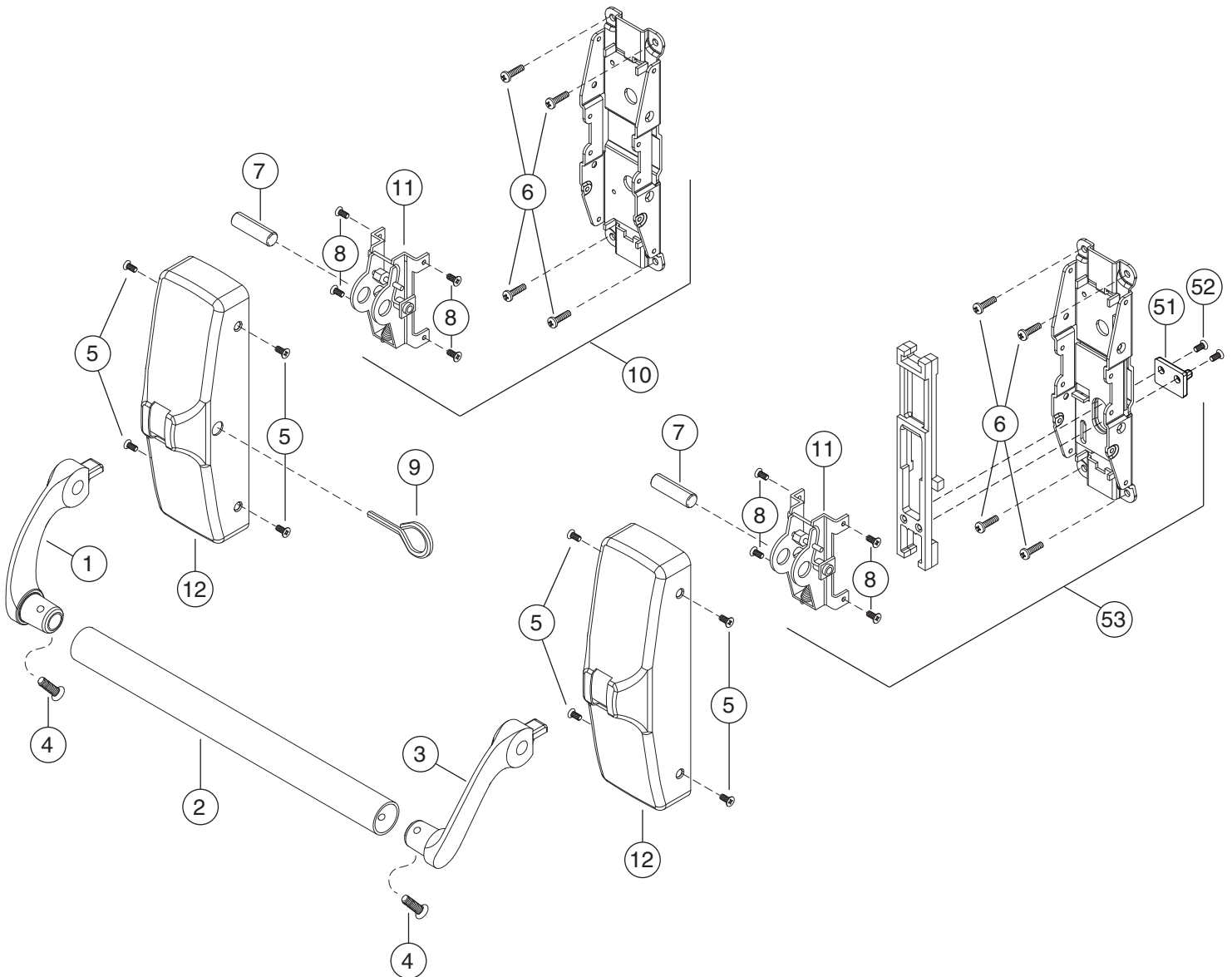
Panic and Fire

Item No.	Qty.	Part No.	Description	Notes
5	8	600140	#8-32 x 1/4" UFPHMS	A
38	1	630010	3788 Strike - Surface Vertical Rod Panic and Fire Devices - Standard	
39	2	660002	#10 x 1-1/4" FPHSMS	
39	2	660078	#10-24 x 3/4" FPHMS (Fire)	
40	1	588	Surface Vertical Top Latch Case Sub Assembly - Panic	
40	1	F588	Surface Vertical Top Latch Case Sub Assembly - Fire	
41	1	661102	1/8" x 3/4" Cotter Key	
42	2	660004	#10 x 1-1/4" PPHSMS	
42	2	660081	#10-24 x 3/4" PPHMS (Fire)	
43	2	660002	#10 x 1-1/4" FPHSMS	
43	2	660078	#10-24 x 3/4" FPHMS (Fire)	
44	2	3781	Latch Case Cover	A
45	1	3777	Surface Vertical Top Rod Sub Assembly	
46	2	4400	Surface Vertical Rod Adjustment Screw	
47	2	590	Rod Guide and Support	A
48	1	610034	Surface Vertical Bottom Bolt and Rod Assembly	
49	1	610035	Surface Vertical Bottom Guide Assembly	A
50	1	630013	2130 Strike - Surface and Concealed for Panic or Fire - Standard	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D

XX-C Concealed Vertical Rod Exit Device

Panic



XX-C Concealed Vertical Rod Exit Device

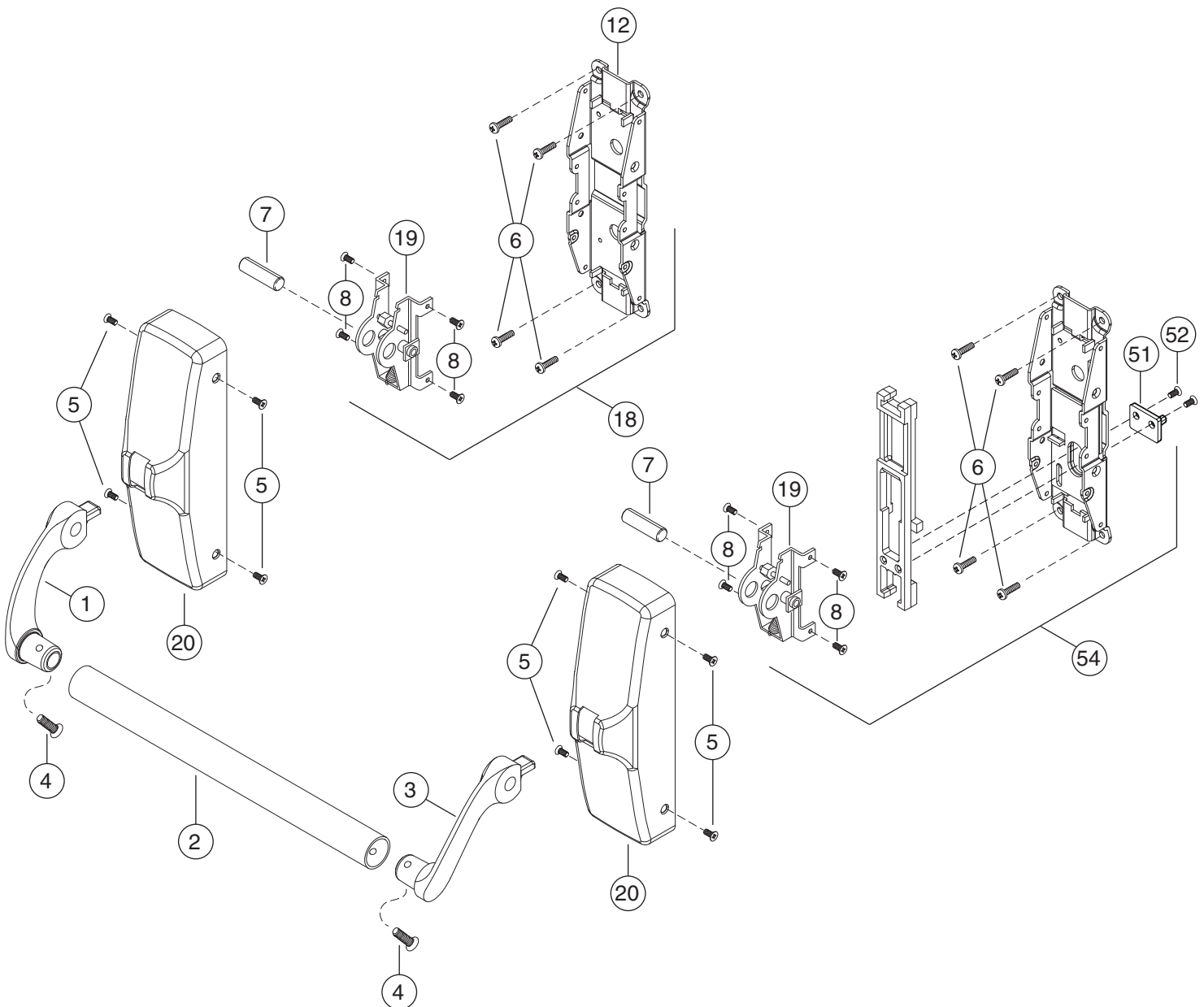
Panic

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
9	1	2789	7/32" Hex Key	
10	1	584	XX End Case	
11	1	610044	Axle Support Assembly	
12	1	3741	XX End Case Cover	A
51	1	4246	Lift Finger	
52	2	660065	#10-24 x 1/2" with Nylon Patch	
53	1	591	Active Center Case Assembly - Panic	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

F-XX-C Concealed Vertical Rod Exit Device

Fire



F-XX-C Concealed Vertical Rod Exit Device

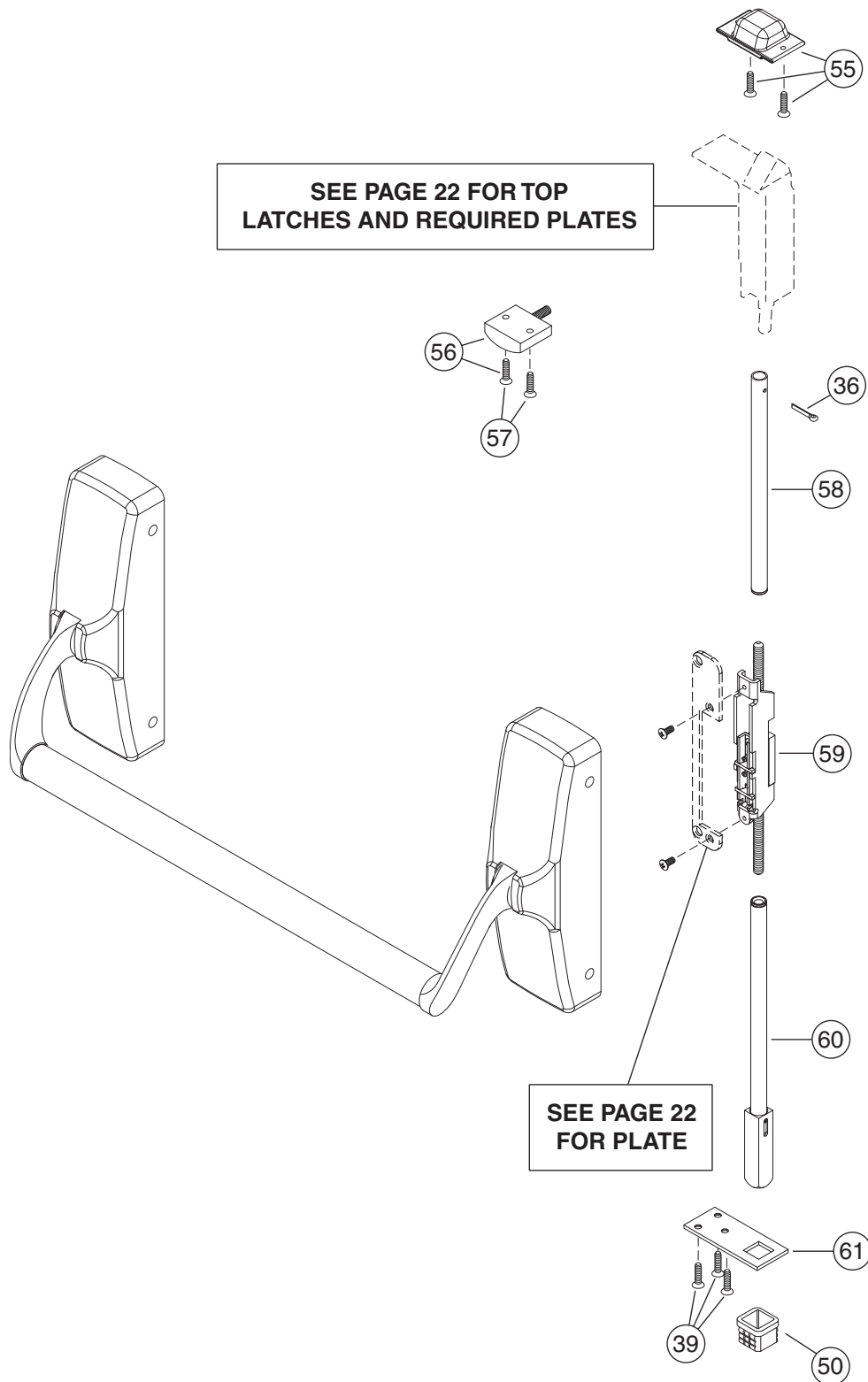
Fire

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
12	1	4128	Inactive End Case	
18	1	684	Inactive End Case Assembly	
19	1	610214	Axle Support Assembly - Fire	
20	1	3741	XX End Case Cover - Fire	A
51	1	4246	Lift Finger	
52	2	660065	#10-24 x 1/2" with Nylon Patch	
54	1	691	Active Center Case Assembly - Fire	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

(F)XX-C Concealed Vertical Rods and Latches

Panic and Fire



(F)XX-C Concealed Vertical Rods and Latches

Panic and Fire

36	1	661102	1/8" x 3/4" Cotter Key	
39	3	660002	#10 x 1-1/4" FPHSMS	
39	3	660078	#10-24 x 3/4" FPHMS (Fire)	
50	1	630013	2130 Strike - Surface and Concealed for Panic or Fire - Standard	
55	1	630012	4188 Strike - Concealed Vertical Rod Panic and Fire Devices - Standard	
56	1	610040	Top Latch Release Sub Assembly	A
57	2	660078	#10-24 x 3/4" FPHMS	A
58	1	610038	Top Rod Sub Assembly	
59	1	610037	Center Slide Sub Assembly	
60	1	610057	Bottom Rod Sub Assembly	
61	1	4567	Bottom Bolt Guide	

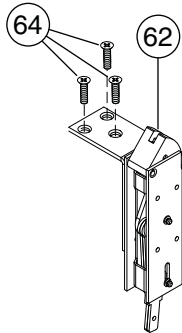
A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

(F)XX-C Concealed Vertical Top Latches and Plates

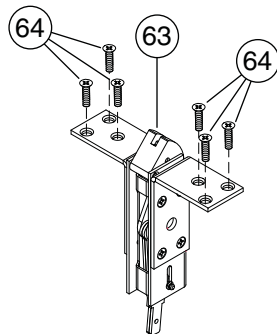
Wood and Metal Door, Panic and Fire

Metal Door

PANIC DEVICE

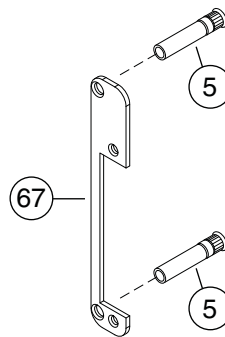
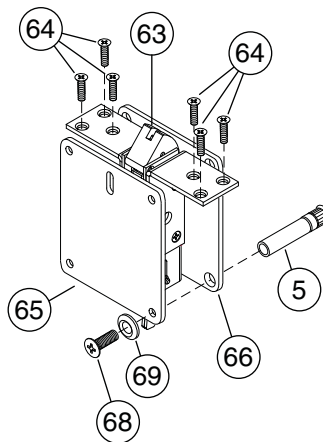


FIRE DEVICE

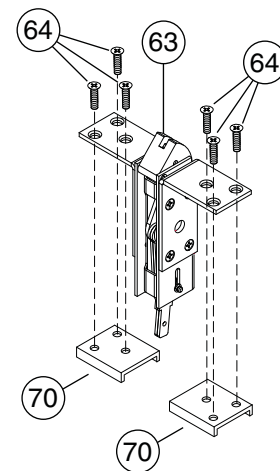


Wood Door

PANIC DEVICE & 20 MINUTE FIRE DEVICE



90 MINUTE FIRE DEVICE



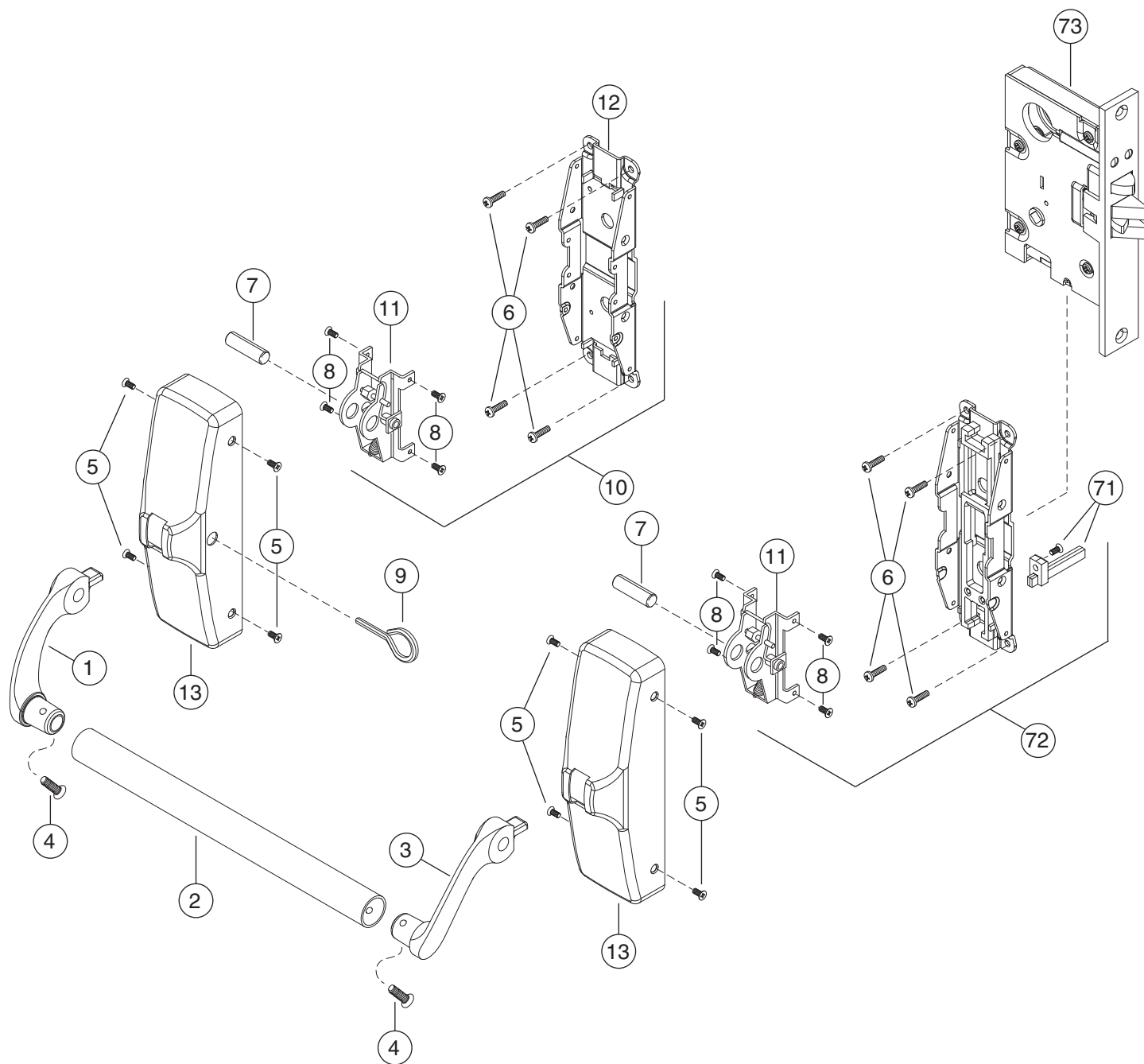
(F)XX-C Concealed Vertical Top Latches and Plates

Wood and Metal Door, Panic and Fire

Item No.	Qty.	Part No.	Description	Notes
5	6	4122	1/4"-20 Sex Bolt	A
62	1	603	Concealed Top Latch Case Sub Assembly (Panic)	
63	1	F603	Concealed Top Latch Case Sub Assembly (Fire)	
64	6	660078	#10-24 x 3/4" FPHMS	
65	1	4834	Top Reinforcement Plate with Access Hole	A
66	1	4833	Top Reinforcement Plate	A
67	1	4832	Center Slide Reinforcement Plate	
68	4	660044	1/4"-20 x 3/4" FPHMS	A
69	4	660429	1/4" CSK Finish Washer	A
70	2	4694	Latch Bracket	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

Panic



XX-M Mortise Exit Device

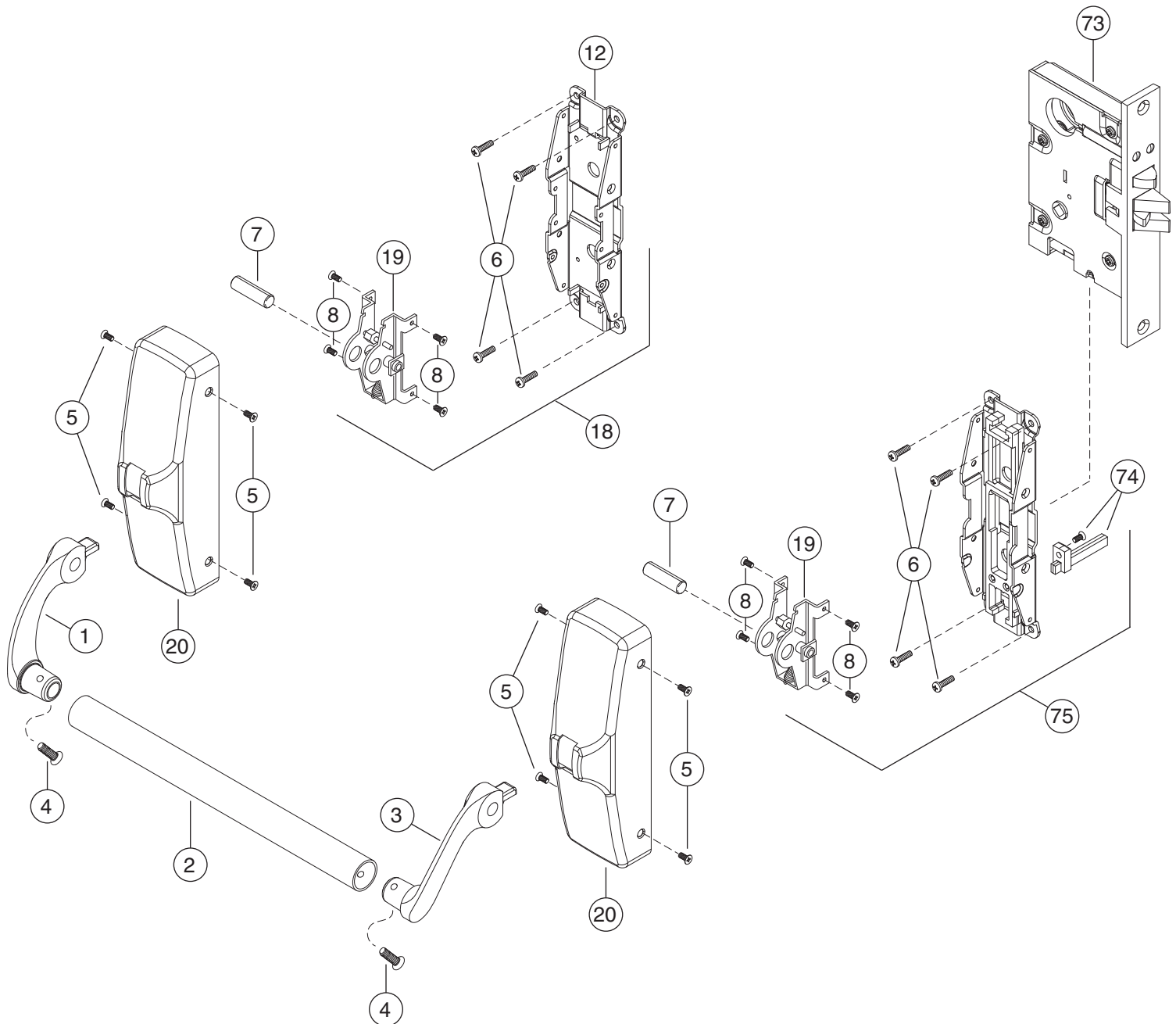
Panic

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
9	1	2789	7/32" Hex Key	
10	1	584	XX End Case	
11	1	610044	Axle Support Assembly	
12	1	3741	XX End Case Cover	A
13	1	630015	F570 Roller Strike for Panic and Fire - Standard	
71	1	600117	Lift Finger with Mounting Screws (Panic Device Only)	
72	1	586	XX Mortise Active Center Case Assembly - Panic	
73	1		Mortise Lock - 8500 x Function x Handing	A

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

F-XX-M Mortise Exit Device

Fire



F-XX-M Mortise Exit Device

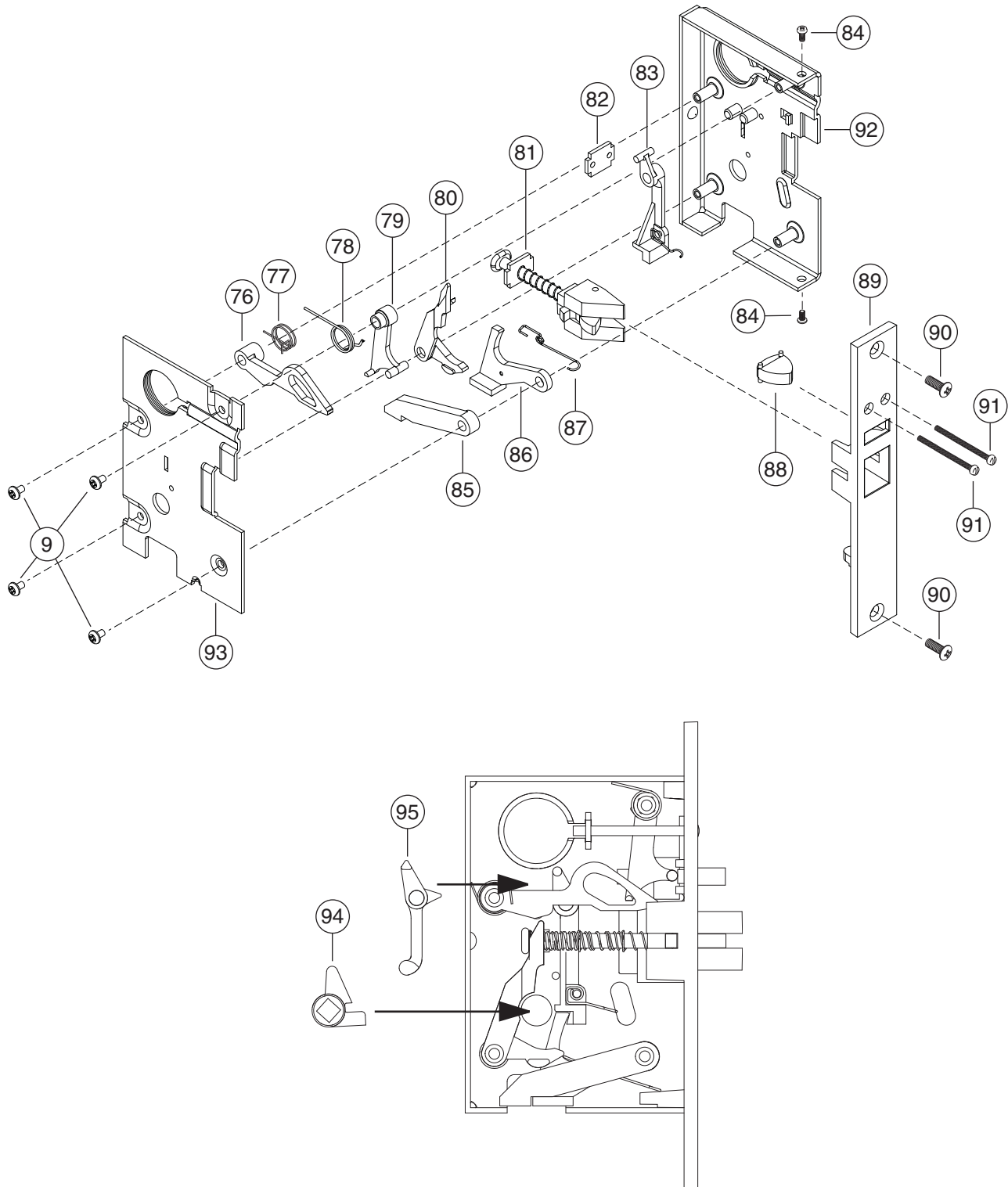
Fire

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4"-20 x 1/2" Crossbar Retaining Screw	
5	8	600140	#8-32 x 1/4" UFPHMS	A
6	8	660004	#10 x 1-1/4" PPHSMS	
7	2	3749	XX Axle	
8	4	660123	#8-32 x 1/4" UFPHMS	
18	1	684	Inactive End Case Assembly	
19	1	610214	Axle Support Assembly - Fire	
20	1	3741	XX End Case Cover - Fire	A
73	1		Mortise Lock	A
74	1	600107	Lift Finger with Mounting Screws (Fire Device Only)	
75	1	686	XX Mortise Active Center Case Assembly - Fire	

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

(F)XX-M Mortise Lock

Panic and Fire



(F)XX-M Mortise Lock

Panic and Fire

Item No.	Qty.	Part No.	Description	Notes
9	2	660120	#8-32 x 1/4" PPHMS	
76	1	3532	Dead Locking Arm	
77	1	3518	Dead Lock Arm Spring	D
78	1	3531	Auxiliary Bolt Spring	
79	1	3530	Auxiliary Bolt Actuator	
80	1	3521	Actuating Arm	
81	1	610041	Mortise Latch Bolt Assembly	
82	1	4025	Cylinder Screw Retainer	C
83	1	610042	Locking Arm and Spring Assembly	C & D
84	2	660068	#10-24 x 1/2" PPHMS Type "F"	
85	1	3522	Main Lift	
86	1	3523	T-Lift	
87	1	3516	T-Lift Spring	
88	1	3529	Auxiliary Bolt	
89	1	3515	Mortise Lock Face	E
90	2	660068	#10-24 x 1/2" PPHMS	E
91	2	660128	#8-32 x 2" FIL HD MS (US-26, US-26D)	E
91	2	660129	#8-32 x 2" FIL HD MS (US-3, US-4, US-10, US-10B)	E
92	1	610067	Mortise Lock Housing Assembly	
93	1	3540	Mortise Back Cover	
94	1	3519	Mortise K-Hub	B & C
95	1	3542	Clinder Operating Arm	C & F

A. Specify by finish: US-3, US-4, US-10, US-10B, US-26, US-26D, US-32, US-32D.

B. Used in K/L trim functions only.

C. Omit for "BE" trim function.

D. Dead lock arm spring (Part No. 3518) required for NL function. Remove existing spring and screw from locking arm for NL.

E. Available only in US-3, US-4, US-10, US-10B, US-26, US-26D.

F. Used in NL function only.



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